

Name: _____

Date: _____

FOIL and Factor pop quiz (version 12)

FOIL the expressions shown below:

1. $(x - 8)(x + 7)$

$$x^2 - x - 56$$

2. $(x - 5)(x + 5)$

$$x^2 - 25$$

3. $(x - 8)(x - 2)$

$$x^2 - 10x + 16$$

4. $(x + 9)(x - 4)$

$$x^2 + 5x - 36$$

5. $(x - 3)(x + 7)$

$$x^2 + 4x - 21$$

Factor the expressions shown below:

6. $x^2 - 8x + 12$

$$(x - 6)(x - 2)$$

7. $x^2 + 7x + 10$

$$(x + 2)(x + 5)$$

8. $x^2 - 2x - 15$

$$(x - 5)(x + 3)$$

9. $x^2 - 11x + 24$

$$(x - 3)(x - 8)$$

10. $x^2 - 2x - 24$

$$(x - 6)(x + 4)$$